

# **FibrChanl-00 (td) Fibre Channel PCI Tachyon XL2 Driver for HP-UX 11i v2 Release Notes**

**Software Version B.11.23.03**



**Manufacturing Part Number: J2635-90021  
E0904**

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# 1 FibrChanl-00 (td) Fibre Channel PCI Tachyon XL2 Driver for HP-UX 11i v2 Release Notes

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## What's in This Release Note

This release note contains information pertaining to the 11.23.03 version of the FibrChanl-00 (td) Fibre Channel Mass Storage driver provided with HP-UX 11.00 and 11i v1.0, 11i v1.6 and 11i v2. The td driver supports Fibre Channel products such as:

- A6795A PCI Tachyon XL2 Adapter Card
- A6684A HSC-eff Tachlite Fibre Channel Adapter
- A6685A HSC Tachlite Fibre Channel Adapter

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**NOTE** The A5158A PCI Tachlite Adapter Card is not supported on PA platforms using HP-UX 11iv2 at this time. Please check JAGaf38985 for updates at <http://www.itrc.hp.com>.

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### HBAs Not Supported in 11i v2

The following Fibre Channel products are not supported on HP-UX 11i v2:

- A6684A HSC-eff Tachlite Fibre Channel Adapter
- A6685A HSC Tachlite Fibre Channel Adapter

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## Compatibility Information and Installation Requirements

### Software Requirements

The following software (or later versions) must be installed before installing A5158A or A6795A HBAs into a system:

- FibrChanl-00 (td) version B.11.23.03 for HP-UX 11i v2 Update 2
- Fibre Channel Mass Storage (FCMS) Patch PHKL\_23939 or later (only for HP-UX 11.00)
- Fibre Channel Mass Storage (FCMS) Patch PHKL\_23626 or later (only for HP-UX 11i v1)

You can download the driver bundles from the HP Software Depot:

[http://www.software.hp.com/SUPPORT\\_PLUS/](http://www.software.hp.com/SUPPORT_PLUS/)

Patches are available from either <http://www.software.hp.com> or <http://itresourcecenter.hp.com>.

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## Known Problems, Dependencies, and Workarounds

### Dependencies for HP-UX 11.00, 11i v1.0, 11i v1.6, and 11i v2.0

The following dependencies are not A6795A adapter problems, but you may encounter them during installation or when booting the system. Therefore, they are listed as dependencies.

You may see the following SD (Software Distributor) warnings and errors when you install the A6795A software using `swinstall`. These messages are related *only* to SD. They do not apply to the A6795A Tachyon XL2 product. This problem will be fixed in a later version of SD.

- During the `swinstall` step, the following warnings are logged in the `swagent.log` file:

```
WARNING: The filesystems in the filesystem table will not be checked against those
currently mounted because the "mount_all_filesystems" option is set to "false."
```

You can ignore the message, or you can set the "mount\_all\_filesystems" option to "true" and make sure that all the `fstab` entries are available.

```
WARNING: The Analysis Phase had warnings. See the above output for details.
```

This message is related to the previous warning. You can ignore this message.

The following messages are logged in the `swremove.log` file during `swremove` and `swinstall`.

```
ERROR: Could not apply the software selection
"Obsolete.NCSNCK,l=/,r=B.11.00,a=HP-UX_B.11.00_32/64,v=HP,fa=HP-UX_B.11.00_32/64"; it
is not available from depot or root"
```

This problem is being fixed in a later version of SD. You can ignore this message.

```
ERROR: Cannot continue the "swremove" task
```

This message is related to the previous warning. You can ignore this message.

- The following problem is related to the HP-UX kernel boot loader:

If a host on the loop is booting, and another host on the same loop does an `ioscan`, the booting host may experience a panic. The host will eventually come up when it tries to boot again.

### Known Problems and Workarounds for HP-UX 11i v1.6 and HP-UX 11i v2.0

There are no known problems or workarounds for HP-UX 11i v1.6 or v2.0.

### Known Problems and Workarounds for HP-UX 11i v1.0

Known problems and workarounds for HP-UX 11i v1.0 only:

- Problem:** During online replacement (OLR) of the A6795A adapter on Superdome systems, the replacement could fail if the adapter is connected to hub/switch/device. The following error message will display:

```
OLARD error: General error
```

The slot will become inaccessible until you power cycle the system.

**Workaround or Fix:** This problem can be avoided by disconnecting the cable from the adapter before doing OLAR operations.

2. **Problem:** During online replacement (OLR) of the A6795A adapter on L3000 systems, the replacement could cause a system panic (HPMC) if the adapter is connected to hub/switch/device. Subsequent boot will hang unless you power cycle the system.

**Workaround or Fix:** This problem can be avoided by disconnecting the cable from the adapter before doing OLAR operations.

3. **Problem:** During online replacement (OLR) of the A6795A adapter on the L2000 system, the replacement may fail and display the following error message:

OLARD error: General error

**Workaround or Fix:** This problem is fixed in PDC version 41.38.

4. The following is a description of a problem that occurs with the Brocade 2800 switch. It is not a problem with the A6795A adapter or software. We document it here for A6795A customers who use Brocade switches in Fabric mode in a Public Loop topology.

**Problem:** In Fabric mode, when multiple hosts are connected on the same switch using a hub (especially two hosts), FLOGI gets timed out when a host changes from Point-to-Point to a Loop topology. This problem occurs with Fabric mode only and not with QuickLoop.

**Fix:** Use the telnet command, `portCfgLport`, to lock the port in loop mode (L\_Port) when multiple hosts or targets are connected on a single switch port. This command insures that `nport_id` addresses will not change during temporary transitions and will not cause any subsequent FLOGI time-outs. This problem is fixed in Brocade firmware revision V2.1.9d and later releases.

The `portCfgLport` command is clearly documented in the Brocade release notes for V2.1.9d and in the Brocade Man pages.

## Driver Versions

The driver versions for each release of the FibrChanl-00 (td) driver:

**Table 1-1 td Driver Version History**

Release	HP-UX 11.00	HP-UX 11i v1.0	HP-UX 11i v1.6	HP-UX 11i v2.0
Application Release 1201	B.11.00.10 (32/64-bit)	B.11.11.09 (32/64-bit)		
11i v1.6 OE Release			B.11.22.01 (64-bit)	
11i v2.0 OE Release				B.11.23.01 (64-bit)
Application Release 0304				B.11.23.02 (64-bit)

**Table 1-1            td Driver Version History (Continued)**

<b>Release</b>	<b>HP-UX 11.00</b>	<b>HP-UX 11i v1.0</b>	<b>HP-UX 11i v1.6</b>	<b>HP-UX 11i v2.0</b>
HP-UX 11i v2 Update 2				B.11.23.03 (64-bit)

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## Related Documentation

Complete Fibre Channel documentation is available on <http://www.docs.hp.com> under Networking and Communications, Fibre Channel, or directly at:  
<http://www.docs.hp.com/hpux/netcom/index.html#Fibre%20Channel>

Support Guide	The HP Fibre Channel Support Guide includes an adapter overview, installation details, adapter configuration, troubleshooting and maintenance information, additional features, and regulatory information.
Installation Guide	Software and hardware installation information for specific HBAs.
Support Matrix	The Support Matrix includes a matrix of Fibre Channel adapters, supported hardware platforms, Operating Systems, Driver Bundle Versions, and minimum PDC/Firmware requirements
White Paper	White Papers can also be found in this section.

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## Software Availability in Native Languages

This product is available only in the English language.